

Melbin 9555

lab 10 Postlab.

Q.1] How to overcome combinatorial explosion in TSP?

Ans] To overcome combinatorial explosion in TSP, techniques like dynamic programming, branch and bound or approximation algorithms such as Christofides algorithm are employed to find efficient solutions without exploring every possible route.

Q.2] What is learning from travelling salesman problem?

Ans] Learning from TSP extends to broader applications in operations research, computer science and logistics. It underscores the importance of algorithm design and problem solving strategies for tackling complex optimization challenges in practical settings, driving advancements like transportation planning, supply chain etc.